

Special Issue

Air Quality in Greece

Message from the Guest Editors

The atmospheric environment in which we live in, and in particular airborne particulate matter and atmospheric pollutants, are often related to a diverse range of environmental, health and climate impacts. Especially during the last decade, due to the economic recession in Greece, as residents have switched from fossil fuel combustion to the uncontrolled burning of wood and biomass for heating purposes, impacting gravely air quality all over Greece during wintertime. On the other hand, during summertime, extensive forest fires impact large areas in the mainland and the islands. For this Special Issue we aim to compile publications presenting high-quality studies of in-situ, remote sensing, as well as modelling studies of ambient aerosol in Greece. Solicited contributions include, but are not limited, to studies on long-term variability in ambient air pollutants, specific pollution episodes, emissions and/or emission sources, transboundary, long-range transport of air pollutants impacting Greece, and behaviour of atmospheric pollutants in particular in the context of human health and exposure.

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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